## IN THE CLAIMS:

1. (original) A method for producing a high loft, low density nonwoven web laminate, the nonwoven web having X, Y and Z dimensions, with the X dimension being a machine direction, the Y dimension being a cross machine direction and the Z dimension being a loft direction, comprising:

- a) forming a group of crimpable, substantially continuous, spunbond, bicomponent fibers of A/B configuration and depositing the group of fibers onto a forming surface without the addition of heat to the fibers before deposition;
- b) first heating the fibers at a time and a temperature sufficient to induce a relaxation of molecular orientation of one side of the fiber;
- c) after the first heating, cooling the group of fibers below the temperature where the fibers will bond to each other and thereby inducing the fibers to crimp;
- d) controlling or minimizing the forces which tend to impede crimping of the fibers when performing steps b) and c) whereby the fibers are allowed to crimp in the Z-direction; and
- e) bonding the high loft, low density nonwoven web by a pattern bonding in a manner to substantially maintain its original loft.
- 2. (original) The method according to Claim 1 wherein the bonding step of 1(e) is performed by pattern bonding the high loft, low density nonwoven web.
- 3. (original) The method according to Claim 2 further comprising the step of placing the high loft, low density nonwoven web on a transportation sheet before pattern bonding.
- 4. (original) The method according to Claim 2 wherein the pattern bonding is a point bonding.
  - 5. (original) The method according to Claim 4 wherein the pattern

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bonding is a 5% to 10% surface area pattern bonding.

6. (original) The method according to Claim 5 wherein the pattern bonding is a spiral bond.

- 7. (original) The method according to Claim 1 wherein the high loft, low density nonwoven web has a basis weight of less than or equal to 1.5 osy (50 gsm). (original)
- 8. (original) The method according to Claim 1 further comprising: treating the high loft, low density nonwoven web with a surfactant selected to improve the hydrophilicity thereof.
- 9. (original) The method according to Claim 1 further comprising: bonding at least one XY planar surface of the high loft, low density nonwoven web to a liquid barrier substrate.
- 10. (original) The method according to Claim 9 wherein the liquid barrier substrate is breathable.
- 11. (original) The method according to Claim 10 wherein the breathable liquid barrier substrate is a microporous film.
- 12. (original) The method according to Claim 1 further comprising: bonding at least one XY planar surface of the high loft, low density nonwoven web to an expandable substrate.
- 13. (original) The method of Claim 12 wherein the expandable substrate is elastic.

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14. (original) The method according to Claim 12 wherein the expandable substrate comprises filaments.

- 15. (original) The method according to Claim 12 wherein the expandable substrate comprises a nonwoven web.
- 16. (original) The method according to Claim 12 wherein the expandable substrate comprises a film.
- 17. (original) The method according to Claim 13 wherein the expandable substrate comprises filaments.
- 18. (original) The method according to Claim 13 wherein the expandable substrate comprises a web.
- 19. (original) The method according to Claim 13 wherein the expandable substrate comprises a film.
- 20. (original) The method of Claim 12 wherein the expandable substrate is retractable upon the application of heat to the laminate.
- 21. (currently amended) A nonwoven material <u>made according to the</u> method of Claim 1 further comprising:
  - a) a web of substantially continuous A/B bicomponent crimped fibers,
- b) the web having a percentage difference between a formation index of a top side of the web and a formation index of a wire side of the web of less than about 11%, and
  - c) the web subsequently being pattern bonded.
  - 22. (currently amended) The nonwoven material according to Claim

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21 wherein the nonwoven material is selected from the group consisting of:

a) the web has a formation index averaging above about 37.6 on the top side of the web when the web has a bulk to about 0.1 inches in the Z axis, or wherein

- b) the web has a formation index averaging above about 32.03 on the top side of the web when the web has a bulk of over about 0.1 inches in the Z axis.
- 23. (currently amended) The nonwoven material according to Claim 21 wherein the nonwoven material is selected from the group consisting of:
- a) the web has a formation index averaging above about 43.76 on the wire side of the web when the web has a bulk to about 0.1 inches in the Z axis, or wherein
- b) the web has a formation index averaging above about 37.09 on the wire side of the web when the web has a bulk of over about 0.1 inches in the Z axis.
- 24. (currently amended) The nonwoven material according to Claim 21 wherein the nonwoven material is selected from the group consisting of:
- a) the web has a formation index averaging above about 37.6 on the top side of the web when the web has a basis weight of up to 1.5 osy, or wherein
- b)the web has a formation index averaging above about 32.03 on the top side of the web when the web has a basis weight of over about 1.5 osy.
- 25. (currently amended) The nonwoven material according to Claim 21 wherein the nonwoven material is selected from the group consisting of:
- a) the web has a formation index averaging above about 43.76 on the wire side of the web when the web has a basis weight of up to 1.5 osy, or wherein
- b) the web has a formation index averaging above about 37.09 on the wire side of the web when the web has a basis weight of over about 1.5 osy.
- 26. (currently amended) The nonwoven material according to Claim 21 wherein the nonwoven material is selected from the group consisting of:
  - i) the web has a formation index averaging above about 19.07 on the top side of

the web when the web has a bulk of about 0.35 inches in the Z axis, or wherein

ii) the web has a formation index averaging above about 32.03 on the top side of the web when the web has a bulk of about 0.12 inches in the Z axis, or wherein

- iii) the web has a formation index averaging above about 28.73 on the top side of the web when the web has a bulk of about 0.1 inches in the Z axis, or wherein
- iv) the web has a formation index averaging above about 34.63 on the top side of the web when the web has a bulk of about 0.08 inches in the Z axis, or wherein
- v) the web has a formation index averaging above about 37.6 on the top side of the web when the web has a bulk of about 0.07 inches in the Z axis.
- 27. (currently amended) The nonwoven material according to Claim 21 wherein the nonwoven material is selected from the group consisting of:
- i) the web has a formation index averaging above about 31.6 on the wire side of the web when the web has a bulk of about 0.35 inches in the Z axis, or wherein
- ii) the web has a formation index averaging above about 37.09 on the wire side of the web when the web has a bulk of about 0.12 inches in the Z axis, or wherein
- iii) the web has a formation index averaging above about 35.37 on the wire side of the web when the web has a bulk of about 0.1 inches in the Z axis, or wherein
- iv) the web has a formation index averaging above about 38.98 on the wire side of the web when the web has a bulk of about 0.08 inches in the Z axis, or wherein
- v) the web has a formation index averaging above about 43.76 on the wire side of the web when the web has a bulk of about 0.07 inches in the Z axis.
- 28. (currently amended) The nonwoven material according to Claim 21 wherein the nonwoven material is selected from the group consisting of:
- i) the web has a formation index averaging above about 19.07 on the top side of the web when the web has a basis weight of about 6.0 osy, or wherein
- ii) the web has a formation index averaging above about 32.03 on the top side of the web when the web has a basis weight of about 2.5 osy, or wherein
- iii) the web has a formation index averaging above about 30.27 on the top side of the web when the web has a basis weight of about 2.25 osy, or wherein

iv) the web has a formation index averaging above about 28.73 on the top side of the web when the web has a basis weight of about 1.5 osy, or wherein

- v) the web has a formation index averaging above about 31.07 on the top side of the web when the web has a basis weight of about 1.2 osy, or wherein
- vi) the web has a formation index averaging above about 34.63 on the top side of the web when the web has a basis weight of about 1.0 osy, or wherein
- vii) the web has a formation index averaging above about 37.6 on the top side of the web when the web has a basis weight of about 0.75 osy.
- 29. (currently amended) The nonwoven material according to Claim 21 wherein the nonwoven material is selected from the group consisting of:
- i) the web has a formation index averaging above about 31.6 on the wire side of the web when the web has a basis weight of about 6.0 osy, or wherein
- ii) the web has a formation index averaging above about 37.09 on the wire side of the web when the web has a basis weight of about 2.5 osy, or wherein
- iii) the web has a formation index averaging above about 35.03 on the wire side of the web when the web has a basis weight of about 2.25 osy, or wherein
- iv) the web has a formation index averaging above about 35.37 on the wire side of the web when the web has a basis weight of about 1.5 osy, or wherein
- v) the web has a formation index averaging above about 37.15 on the wire side of the web when the web has a basis weight of about 1.2 osy, or wherein
- vi) the web has a formation index averaging above about 38.98 on the wire side of the web when the web has a basis weight of about 1.0 osy, or wherein
- vii) the web has a formation index averaging above about 43.76 on the wire side of the web when the web has a basis weight of about 0.75 osy.
- 30. (original) The nonwoven material of Claim 21 wherein the fibers have a fiber denier of between about 0.1 dpf to about 9.0 dpf.

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31. The nonwoven material of Claim 30 wherein the fibers have a fiber denier of between about 0.1 dpf to about 6.0 dpf.

- 32. (original) The nonwoven material of Claim 30 wherein the fibers have a fiber denier of between about 0.1 dpf to about 5.0 dpf.
- 33. (original) The nonwoven material of Claim 31 wherein the fibers have a fiber denier of between about 0.1 dpf to about 4.2 dpf.
- 34. (original) The nonwoven material of Claim 32 wherein the fibers have a fiber denier of between about 0.1 dpf to about 3.3 dpf.
- 35. (original) The nonwoven material of Claim 30 wherein the fibers have a fiber denier of between about 3.4 dpf to about 4.2 dpf.
- 36. (original) The nonwoven material of Claim 35 wherein the fibers have a substantially white color.
- 37. (original) The nonwoven material of Claim 36 wherein the fibers have a TiO<sub>2</sub> percentage of about 0.1% to about 5%.
- 38. (original) The nonwoven material of Claim 37 wherein the fibers have a TiO<sub>2</sub> percentage of about 2%.
- 39. (original) The nonwoven material according to Claim 21 wherein the fibers of the nonwoven web are integrally bonded.

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40. (currently amended) A nonwoven material <u>made according to the</u> <u>method of Claim 1 further comprising:</u>

- a) a web of substantially continuous A/B bicomponent crimped fibers;
- b) the web having a formation index averaging above about 37.6 on the top side of the web when the web has a bulk to about 0.1 inches in the Z axis, or
- c) the web having a formation index averaging above about 32.03 on the top side of the web when the web has a bulk of over about 0.1 inches in the Z axis; and d) the web subsequently being pattern bonded.
- 41. (currently amended) A nonwoven material <u>made according to the</u> method of Claim 1 further comprising:
  - a) a web of substantially continuous A/B bicomponent crimped fibers;
- b) the web having a formation index averaging above about 43.76 on the wire side of the web when the web has a bulk to about 0.1 inches in the Z axis, or
- c) the web having a formation index averaging above about 37.09 on the wire side of the web when the web has a bulk of over about 0.1 inches in the Z axis; and d) the web subsequently being pattern bonded.
- 42. (original) A high loft, low density nonwoven web made according to the method of Claim 1.
- 43. (original) A high loft, low density nonwoven web made according to the method of Claim 2.
- 44. (original) A high loft, low density nonwoven web made according to the method of Claim 3.
- 45. (original) A high loft, low density nonwoven web made according to the method of Claim 4.

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46. (original) A high loft, low density nonwoven web made according to the method of Claim 5.

- 47. (original) A high loft, low density nonwoven web made according to the method of Claim 6.
- 48. (original) A high loft, low density nonwoven web made according to the method of Claim 9.
- 49. (original) A high loft, low density nonwoven web made according to the method of Claim 10.
- 50. (original) A nonwoven web made according to the method of Claim 12.
- 51. (original) A nonwoven web made according to the method of Claim 13.
- 52. (original) A combination absorbent core wrap/spacer layer/surge material for an absorbent garment comprising a nonwoven web made according to the method of Claim 1.
- 53. (original) A liner for an absorbent garment comprising a nonwoven web made according to the method of Claim 1.
- 54. (original) An outer cover for an absorbent garment comprising a nonwoven web made according to the method of Claim 1.
- 55. (original) A combination absorbent core wrap/spacer layer/surge material for an absorbent garment comprising a nonwoven web according to Claim 21.

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56. (original) A liner for an absorbent garment comprising a nonwoven web according to Claim 21.

57. (original) An outer cover for an absorbent garment comprising a nonwoven web according to Claim 21.

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